

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014262.D
 Acq On : 20 Jun 2023 05:49
 Operator : KP/MD
 Sample : 03289-17
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-12.0-14.0-DUP

Quant Time: Jun 20 06:05:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

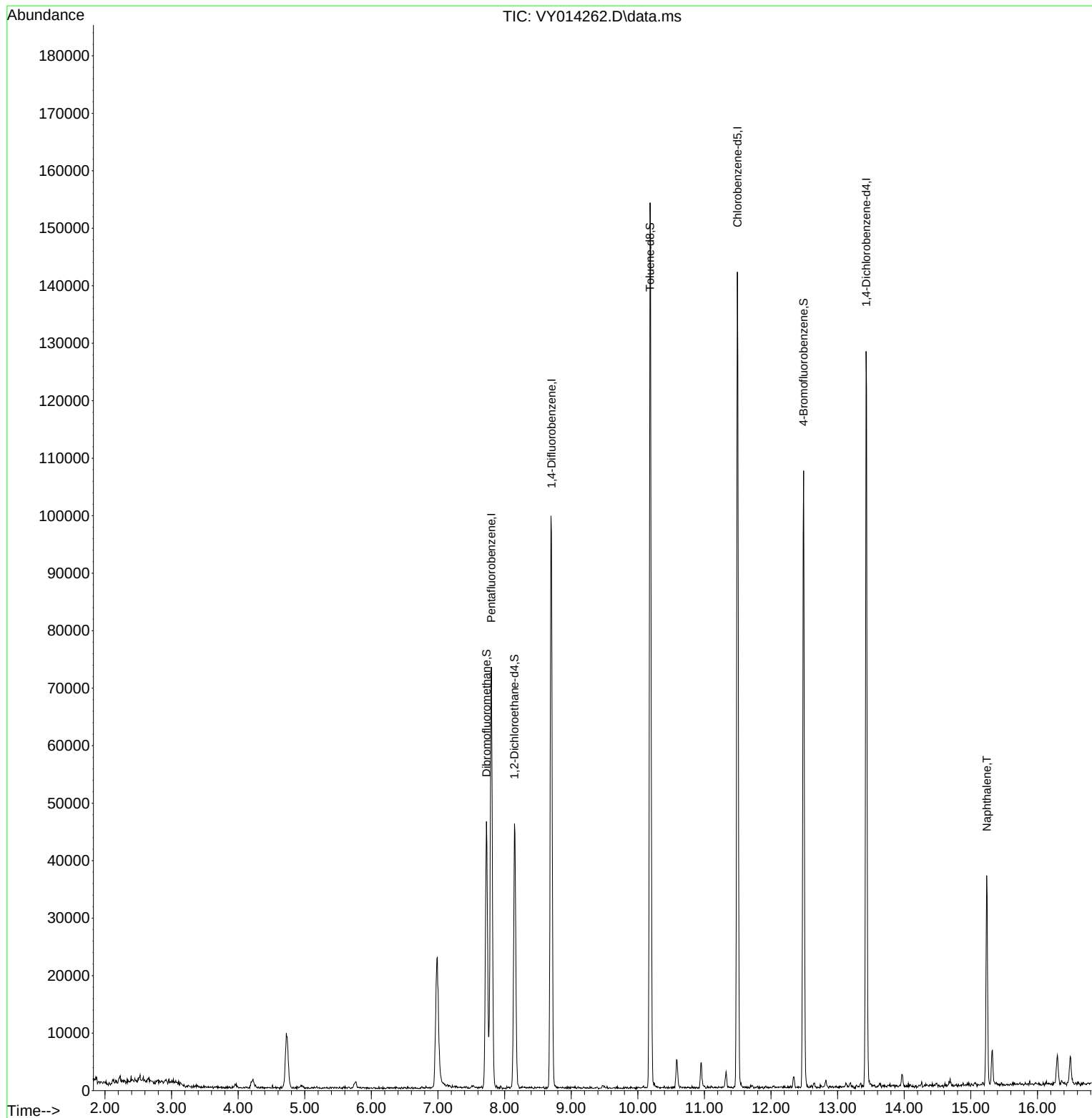
Internal Standards						
1) Pentafluorobenzene	7.801	168	56534	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	84695	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	78280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37865	48.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.728	113	30226	50.323	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.185	98	100281	44.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.489	95	28709	35.991	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.980%
Target Compounds						
95) Naphthalene	15.239	128	30012	20.409	ug/l	Qvalue 99

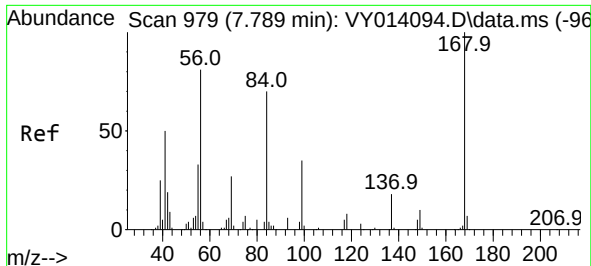
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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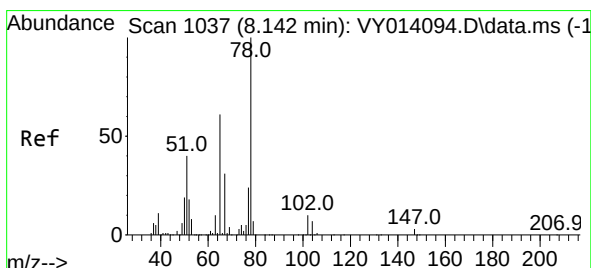
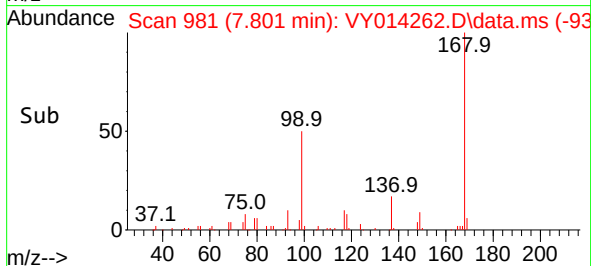
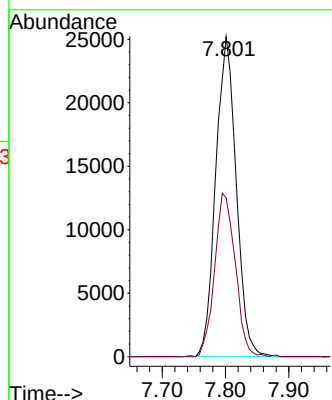
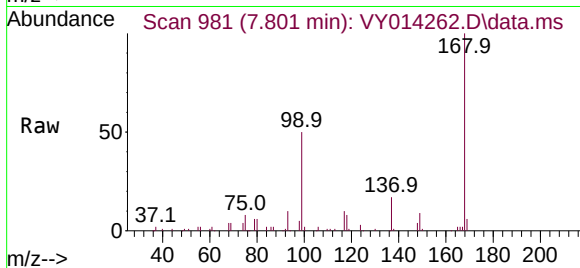




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014262.D
Acq: 20 Jun 2023 05:49

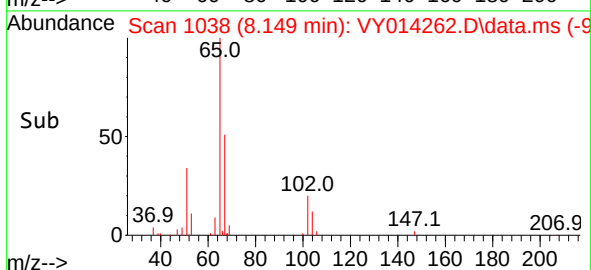
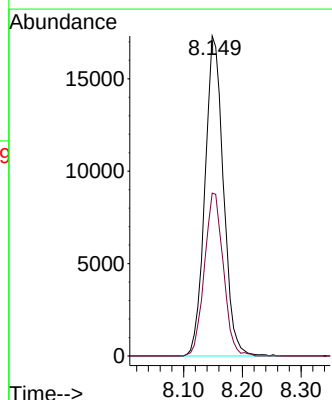
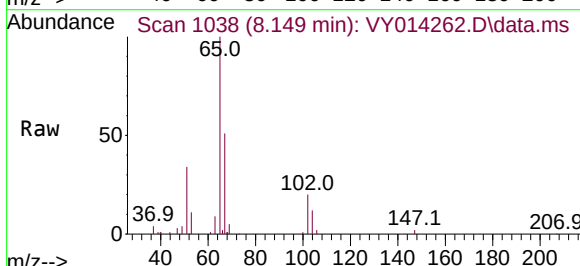
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-12.0-14.0-DUP

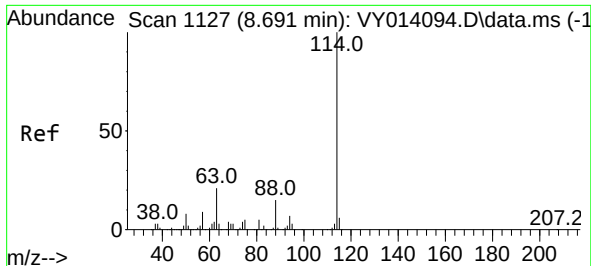
Tgt Ion:168 Resp: 56534
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.098 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014262.D
Acq: 20 Jun 2023 05:49

Tgt Ion: 65 Resp: 37865
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

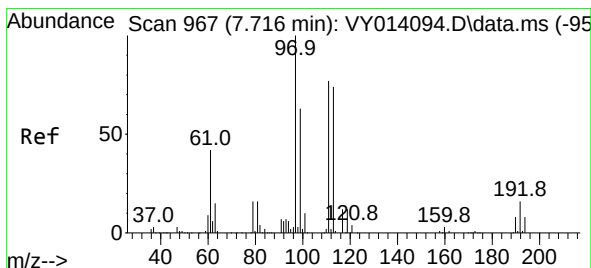
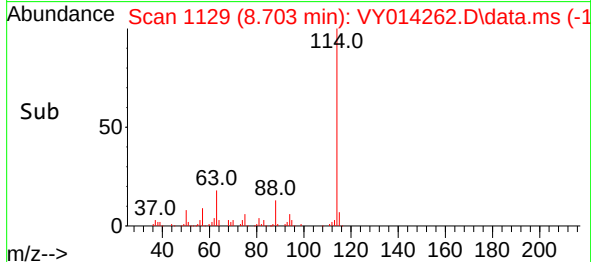
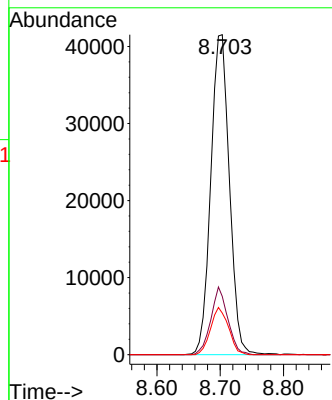
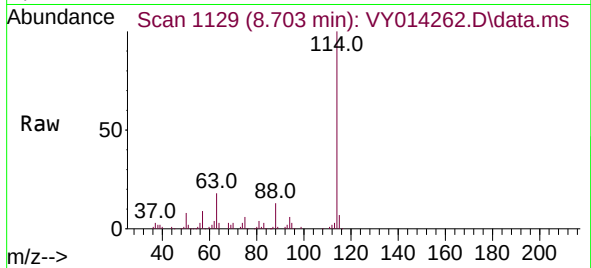




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY014262.D
Acq: 20 Jun 2023 05:49

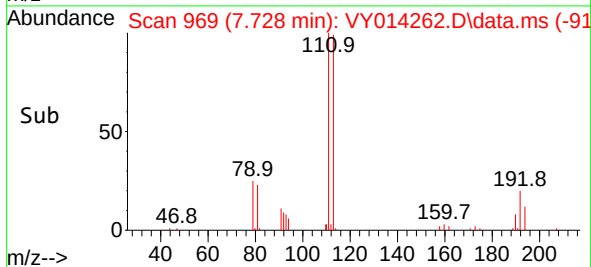
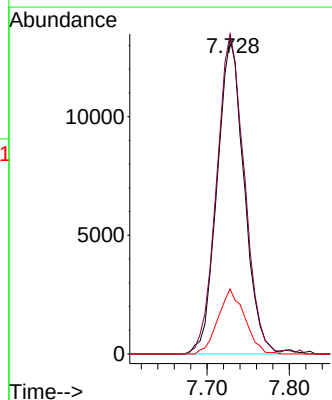
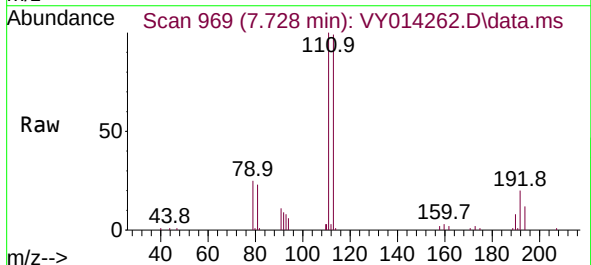
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-12.0-14.0-DUP

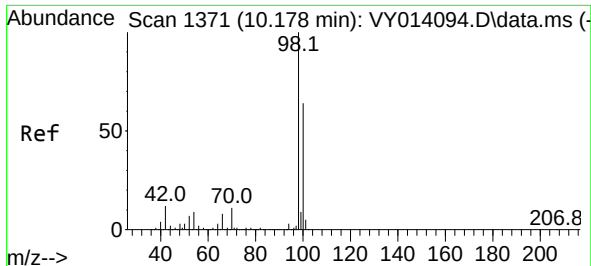
Tgt Ion:114	Resp:	84695
Ion Ratio	Lower	Upper
114	100	
63	18.2	0.0 42.4
88	13.0	0.0 30.6



#35
Dibromofluoromethane
Concen: 50.323 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014262.D
Acq: 20 Jun 2023 05:49

Tgt Ion:113	Resp:	30226
Ion Ratio	Lower	Upper
113	100	
111	105.3	81.3 121.9
192	20.3	16.9 25.3

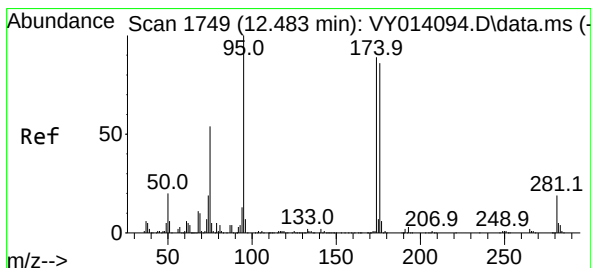
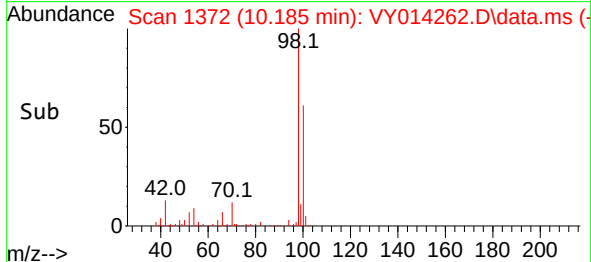
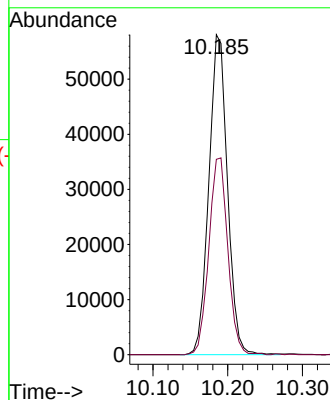
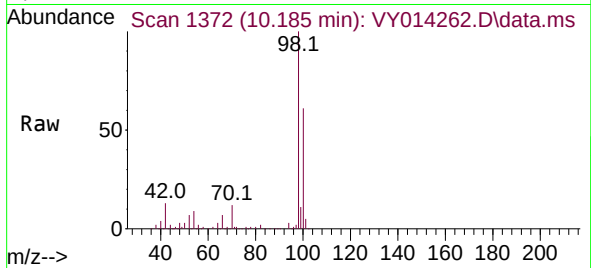




#50
Toluene-d8
Concen: 44.658 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014262.D
Acq: 20 Jun 2023 05:49

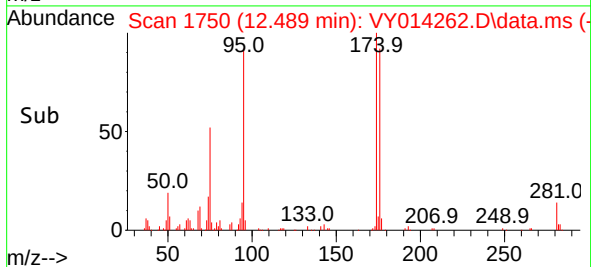
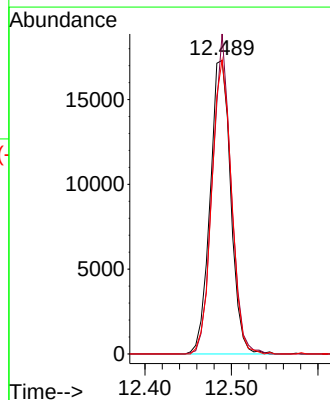
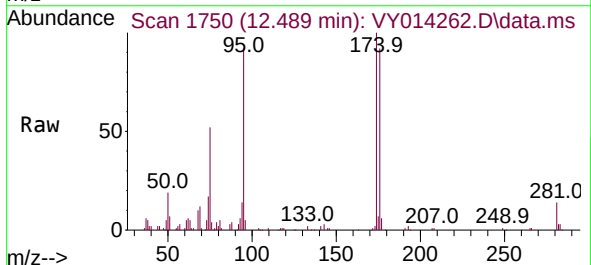
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-12.0-14.0-DUP

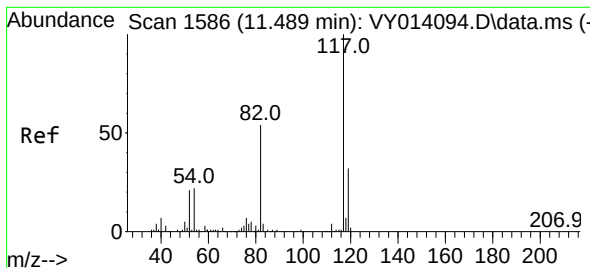
Tgt Ion: 98 Resp: 100281
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.991 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014262.D
Acq: 20 Jun 2023 05:49

Tgt Ion: 95 Resp: 28709
Ion Ratio Lower Upper
95 100
174 97.9 0.0 178.2
176 95.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014262.D

Acq: 20 Jun 2023 05:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-12.0-14.0-DUP

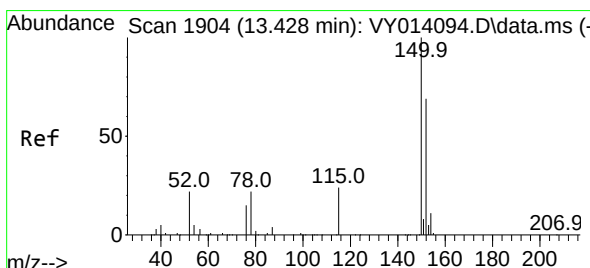
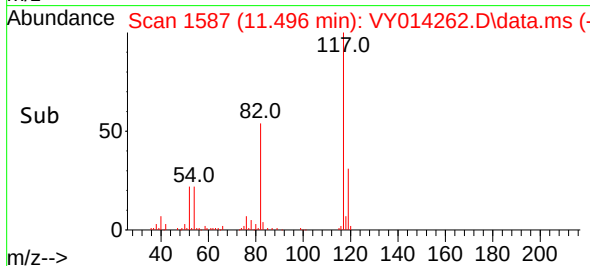
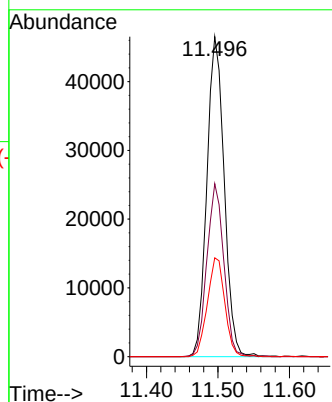
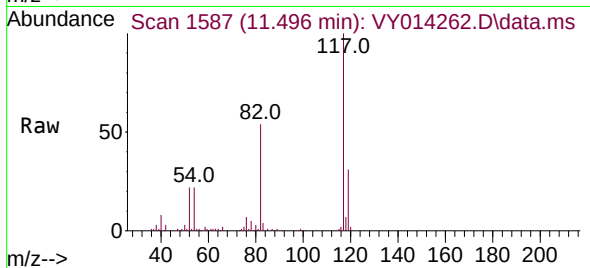
Tgt Ion:117 Resp: 78280

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 30.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014262.D

Acq: 20 Jun 2023 05:49

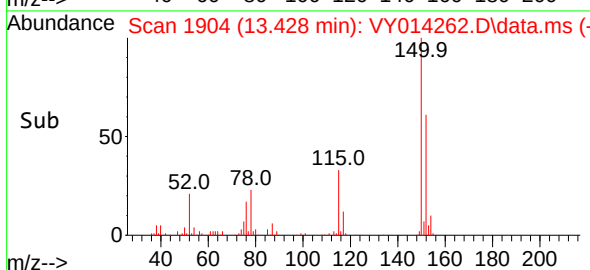
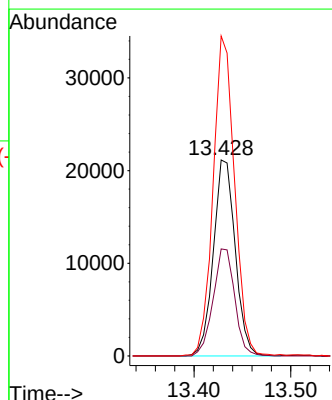
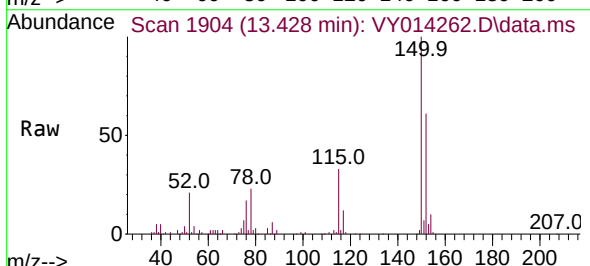
Tgt Ion:152 Resp: 33262

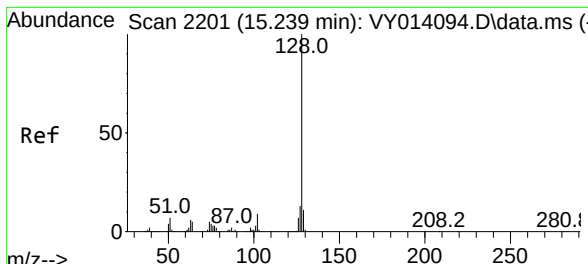
Ion Ratio Lower Upper

152 100

115 53.8 28.8 86.5

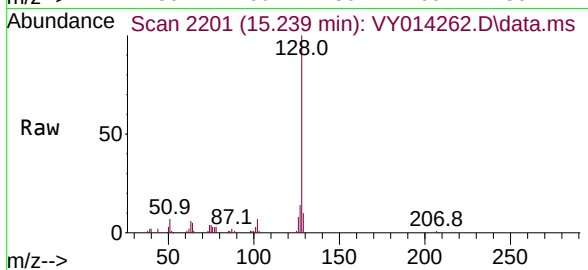
150 159.6 0.0 348.8





#95
Naphthalene
Concen: 20.409 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014262.D
Acq: 20 Jun 2023 05:49

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Tgt Ion:	128	Resp:	30012
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.3	8.6	13.0

